ASME ANNUAL AM-5

TRANSACTIONS OF THE ASME

January 1960

SOCIETY RECORDS

Indexes to Publications for 1959

WHERE TO FIND THE ASME TRANSACTIONS IN THE UNITED STATES AND IN OTHER COUNTRIES • INDEXES TO ASME PAPERS AND PUBLICATIONS • INDEX TO MECHANICAL ENGINEERING • INDEX TO THE JOURNAL OF ENGINEERING FOR POWER • INDEX TO THE JOURNAL OF ENGINEERING FOR INDUSTRY • INDEX TO THE JOURNAL OF HEAT TRANSFER • INDEX TO THE JOURNAL OF BASIC ENGINEERING • INDEX TO THE JOURNAL OF APPLIED MECHANICS

THE AMERICAN SOCIETY OF MECHANICAL ENGINEERS

TRANSACTIONS
OF THE ASME

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SOCIETY RECORDS

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Monterey.....U.S. Naval Postgraduate School
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Laboratory
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Waterbury.....Silas Bronson Library

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Georgia

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Honolulu.....University of Hawaii
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Idaho

Moscow.....University of Idaho
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* Offers photoprint service.

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Engineering Library
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Omaha.....*Public Library

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New Brunswick..Rutgers University
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Princeton.....Princeton University
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Engineering Library
Trenton.....*Public Library

New Mexico

Albuquerque.....University of New Mexico
Library—Acquisition Dept.
University Park..New Mexico State University
Library

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Albany.....*New York State University
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*Brooklyn Public Library—Science & Industry Div.
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Engineering Library
Villanova.....Villanova University
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Kingston.....University of Rhode Island
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Providence Engineering Society
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Engineering Library—Taylor Hall
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Spindletop Engineering Library
College Station...Texas Agricultural and Mechanical College
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Fondern Library
El Paso.....Public Library
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	Mech. Engrg. Dept.
	*Public Library

Wyoming

Laramie	University of Wyoming
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Canberra	Australian National University
Melbourne	Public Library of Victoria
	University of Melbourne
Nedlands	University of Western Australia
Sydney	Public Library of Sydney
	Public Library of New South Wales
	Sydney Technical College
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Wollongong	Wollongong Technical College

Belgium

Louvain	University of Louvain Library

Brazil

São Paulo	Centro Technico de Aeronautica

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Toronto	University of Toronto
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Vancouver	University of British Columbia
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Winnipeg	University of Manitoba

Chile

Santiago	Universidad de Chile Biblioteca Central
	Escuela de Ingenieria

Cuba

Havana	Cuban Society of Engineers

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	Institution of Civil Engineers
	Institution of Electrical Engineers
	Institution of Mechanical Engineers
	Iron and Steel Institution
	Junior Institution of Engineers
	Patent Office Library
	Royal Aeronautical Society
	Science Museum Library
Manchester	Manchester Public Libraries
	Central Library
	Manchester College of Science and Technology
	University of Manchester
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Oxford	Oxford University
	Bodleian Library
Sheffield	Sheffield Public Libraries

France

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	The American Library

Germany

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Dusseldorf	Vereines Deutscher Ingenieure
	Vereines Deutscher Eisenhuttenleute
Hamburg	Bibliothek der Engenieurschule
Hanover	Bibliothek der Technischen Hochschule
Karlsruhe	Bibliothek der Technischen Hochschule
Munchen	Bibliothek der Technischen Hochschule
	Deutsches Museums Bibliothek
Stuttgart	Bibliothek der Technischen Hochschule

Holland

Amsterdam	Koninklyke Akademie von Wetenschappen
	National Luchtvaartlaboratorium
Delft	Bibliothek Technische Hogeschool
The Hague	Koninklyke Instituut van Ingenieure
Rotterdam	Nationaal-Technische Instituut voor Scheepvaarten Luchtvaart

India

Bangalore	Mysore Engineers Association
Hawrah	Bengal Engineering College Library
Poona	Poona College of Engineering

Ireland

Belfast	Queen's University of Belfast

Italy

Napoli	Facoltà di Ingegneria

Japan

Tokyo	The Japan Society of Mechanical Engineers

Mexico

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Christ Church	Canterbury University College

Scotland

Glasgow	Royal College of Science and Technology
	Mitchell Library

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Sweden

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Stockholm	Royal Institute of Technology Library

Switzerland

Zurich	Eidg. Technische Hochschule Bibliothek
	L'Ecole Polytechnique Federale

Turkey

Ankara	Middle East Technical University Library
Istanbul	Robert College Library

Wales

Cardiff	Cardiff Public Libraries

Indexes to ASME Papers and Publications

THIS and the following pages will serve as a guide to the current publications of the ASME.

Regular Society Publications, 1959

Mechanical Engineering, monthly (see index on page SR-103)

ASME Transactions: Quarterlies as follows:

Series A, *Journal of Engineering for Power* (see index on page SR-131)

Series B, *Journal of Engineering for Industry* (see index on page SR-135)

Series C, *Journal of Heat Transfer* (see index on page SR-139)

Series D, *Journal of Basic Engineering* (see index on page SR-143)

Series E, *Journal of Applied Mechanics* (see index on page SR-149)

Journal of Applied Mathematics and Mechanics, bimonthly
ASME Mechanical Catalog, 1960 edition
Applied Mechanics Reviews, monthly
Smog News, semimonthly

Publications Issued in 1959

BOOKS AND REPORTS

1958 ASME Transactions in three volumes
Corrosion and Deposits in Boilers and Gas Turbines
Fluid Meters—Their Theory and Application
Instruments for the Study of Atmospheric Pollution
Structural Damping
Thermodynamic and Transport Properties of Gases, Liquids, and Solids
Power Reactors
Research and Test Reactors
1958 Report on Oil and Gas Engine Power Costs
Spray Literature Abstracts

SAFETY CODES

Power Boilers with 1959 and Winter 1959 Addenda
Material Specifications
Low-Pressure Heating Boilers with 1959 Addenda
Miniature Boilers
Suggested Rules for Care of Power Boilers
Unfired Pressure Vessel Code with 1959 and Winter 1959 Addenda
Welding Qualifications with 1959 and Winter 1959 Addenda
Book of Interpretations of ASME Boiler and Pressure Vessel Rules
Gas Transmission and Distribution Piping Systems
Oil Transportation Piping
Petroleum Refining Piping
Powered Industrial Trucks

DRAFTING STANDARDS MANUAL

Section 10, Metal Stampings
Section 11, Fluid Power Diagrams

PIPE, PIPE FITTINGS, AND THREADS

Cast-Brass Solder-Joint Drainage Fittings
Wrought-Steel and Wrought-Iron Pipe

SMALL TOOLS AND MACHINE TOOL ELEMENTS

Drill Drivers
High Speed Steel and Cast Nonferrous Single Point Tools and Tool Holders
Reamers
Rotating Air Cylinders and Adapters
Taps—Cut and Ground Threads

SCREW THREADS AND THREADING TOOLS

Class 5 Interference—Fit Thread
Unified Miniature Screw Threads

SYMBOLS

Graphical Symbols for Welding
Letter Symbols for Rocket Propulsion

MISCELLANEOUS STANDARDS

Illustrations for Publication and Projection
Pallet Sizes

INSTRUMENTS AND APPARATUS (Supplementary documents to Power Test Codes)

Part 5, Chapter 4, Flow Measurement
Part 11—Quality and Purity of Steam

How to Find Papers Presented at 1959 ASME Meetings

THE technical programs of the meetings of the Society and of its Professional Divisions have been published in *Mechanical Engineering* and may be located by consulting the index on pages SR-103 to SR-130. Many of these papers will be published in *Mechanical Engineering* or the *Transactions* and may be located by reference to the indexes of these publications.

Publications Developed by the Technical Committees

THE Society's technical committees, the first of which was organized many years ago and all of which have been continuously at work on codes, standards, research, and other special reports, have developed a series of publications of permanent value to the membership. The following list is presented here for record and for ready reference. This list covers the works of these committees together with dates of publications and prices. A discount of 20 per cent is allowed to ASME members on all publications except where statement "no discount allowed" appears after price.

ASME AMERICAN STANDARDS

Bolt, Nut, and Rivet Proportions

Hexagon and Slotted Head Cap Screws—Square Head Set Screws—Slotted Headless Set Screws (B18.6.2—1956), $1.50
Large Rivets (B18.4—1950; reaffirmed 1957), $1.50
Plow Bolts (B18.9—1958), $1.50
Round Head Bolts (B18.5—1952), $1.50
Slotted and Recessed Head Wood Screws (B18.6.1—1956), $1.00
Slotted and Recessed Tapping Screws and Metallic Drive Screws (B18.6.4—1958), $4.00
Small Solid Rivets (B18.1—1955), $1.50
Socket Head Cap Screws and Socket Set Screws (B18.3—1954), $1.50
Square and Hexagon Bolts and Nuts and Lag Bolts (B18.2—1955), $2.00
Track Bolts and Nuts (B18.10—1952), $1.50
High-Strength, High-Temperature Internal Wrenching Bolts (B18.8—1950; reaffirmed 1958), $1.00

Gear Design, Dimensions, and Inspection

Design for Fine-Pitch Worm Gearing (B6.9—1956), $1.50

Fine-Pitch Straight Bevel Gears (B6.8—1950), $1.00
Gear Nomenclature (B6.10—1954), $1.50
Inspection of Fine-Pitch Gears (B6.11—1956), $2.50
Gear Tolerances and Inspection (B6.6—1946), $1.50
Letter Symbols for Gear Engineering (B6.5—1954), $1.50
Spur Gear Tooth Form (B6.1—1932), $1.00
20-Degree Involute Fine-Pitch System for Spur and Helical Gears (B6.7—1956), $1.50
Nomenclature for Gear Tooth Wear and Failure (B6.12—1954), $1.50
System for Straight Bevel Gears (B6.13—1955), $1.00

Piping, Pipe Fittings, and Threads

Air Gaps and Backflow Preventers in Plumbing Systems (A40.4—1942 and A40.6—1943), $1.50
Brass Fittings for Flared Copper Tubes (B16.26—1958), $1.00
Brass or Bronze Flanges and Flanged Fittings for 150 and 300 Lb (B16.24—1953), $1.00
Brass or Bronze Screwed Fittings for 125 Lb (B16.5—1958), $1.50
Brass or Bronze Screwed Fittings for 250 Lb (B16.17—1949; reaffirmed 1953), $1.00
Butt-Welding Ends (B16.25—1958), $1.00
Cast-Brass Solder-Joint Fittings (B16.18—1950), $1.50
Cast-Bronze Solder-Joint Drainage Fittings (B16.23—1959), $2.00
Cast-Iron Pipe Flanges and Flanged Fittings for 25 Lb Maximum Saturated Steam Pressure (B16b2—1931; reaffirmed 1952), $1.00
Cast-Iron Pipe Flanges and Flanged Fittings Class 125 (B16.1—1948, reaffirmed 1953), $1.50
Cast-Iron Pipe Flanges and Flanged Fittings Class 250 (B16b—1944; reaffirmed 1953), $1.50
Cast-Iron Pipe Flanges and Flanged Fittings for Refrigerant Piping, Class 300 (B16.16—1948; reaffirmed 1952), $1.00
Cast-Iron Pipe Flanges and Flanged Fittings for 800 Lb Maximum Hydraulic Pressure (B16b1—1931; reaffirmed 1952), $1.00
Cast-Iron Soil Pipe and Fittings (A40.1—1935), $2.00
Cast-Iron Screwed Fittings for 125 and 250 Lb Maximum Saturated Steam Pressure (B16.4—1949; reaffirmed 1953), $1.50
Cast-Iron Screwed Drainage Fittings (B16.12—1953), $1.00
Face-to-Face and End-to-End Dimensions of Ferrous Valves (B16.10—1957), $1.50
Ferrous Plugs, Bushings, Lock Nuts, With Pipe Threads (B16.14—1949; reaffirmed 1953), $1.00
Malleable-Iron Screwed Fittings, 150 Lb (16.3—1951; reaffirmed 1958), $1.50
Malleable-Iron Screwed Fittings, 300 Lb (B16.19—1951; reaffirmed 1958), $1.00
Nonmetallic Gaskets for Pipe Flanges (B16.21—1951), $1.00
Pipe Threads (B2.1—1945), $2.50
Ring-Joint Gaskets and Grooves for Steel Pipe Flanges (B16.20—1956), $1.00
Scheme for the Identification of Piping Systems (A13.1—1956), $1.00
Steel Pipe Flanges and Flanged Fittings for 150, 300, 400, 600, 900, 1500, and 2500 Lb, Including References to Valves (B16.5—1957), $3.00
Stainless-Steel Pipe (B36.19—1957), $1.00
Steel Butt-Welding Fittings (B16.9—1958), $1.50
Steel-Socket Welding Fittings (B16.11—1946; reaffirmed 1952), $1.00
Threaded Cast-Iron Pipe for Drainage, Vent, and Waste Services (A40.5—1943), $1.00
Wrought-Copper and Wrought-Bronze Solder-Joint Fittings (B16.22—1951), $1.00
Wrought-Steel and Wrought-Iron Pipe (B36.10—1959), $1.50

Symbols, Abbreviations, and Drafting Practice

Abbreviations for Scientific and Engineering Terms (Z10.1—1941), $0.50
Abbreviations for Use on Drawings (Z32.13—1950), $1.25
Illustrations for Publication and Projection (Y15.1—1959), $2.00
Drafting Standards Manual
- Section 1, Size and Format (Y14.1—1957), $1.00
- Section 2, Line Conventions, Sectioning, and Lettering (Y14.2—1957), $1.50
- Section 3, Projections (Y14.3—1957), $1.50
- Section 4, Pictorial Drawing (Y14.4—1957), $1.50
- Section 5, Dimensioning and Notes, (Y14.5—1957), $2.00
- Section 6, Screw Threads (Y14.6—1957), $1.50
- Section 7, Gears, Splines, and Serrations (Y14.7—1958), $1.50
- Section 9, Forgings (Y14.9—1958); $1.50
- Section 10, Metal Stampings (Y14.10—1959), $1.50
- Section 11, Plastics (Y14.11—1958), $1.50
- Section 17, Fluid Power Diagrams (Y14.17—1959), $1.50

Time Series Charts (Z15.2—1947), $1.50
Graphical Symbols for Fluid Power Diagrams (Y32.10—1958), $1.50
Graphical Symbols for Welding (Y32.3—1959), $3.00
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